

EXHIBIT 19

1 UNITED STATES DISTRICT COURT
2 NORTHERN DISTRICT OF CALIFORNIA
3 SAN FRANCISCO DIVISION

4 -----X
5 IN RE GOOGLE PLAY STORE
6 ANTITRUST LITIGATION
7 Case No. 3:21-md-02981-JD

8 THIS DOCUMENT RELATES TO:
9 Epic Games Inc. v. Google LLC, et al.,
10 Case No. 3:20-cv-05671-JD

11 In Re Google Play Consumer
12 Antitrust Litigation
13 Case No. 3:20-cv-05671-JD

14 In Re Google Play Developer
15 Antitrust Litigation,
16 Case No: 3:20-cv-05792-JD

17 State of Utah, et al., v.
18 Google LLC, et al.,
19 Case No: 3:21-cv-05227-JD

20 -----X

21 VIDEOTAPE DEPOSITION
22 HAL SINGER, PH.D.
23 Thursday, May 12, 2022
24 9:07 a.m. (EST)

25 Reported by:
Ryan K. Black, RPR, CLR, Notary Public

Thursday, May 12, 2022

Video Deposition of HAL SINGER, PH.D.,
taken at the Law Offices of Munger, Tolles &
Olson, LLP, 601 Massachusetts Avenue NW
Washington, DC, beginning at 9:07 a.m.,
before Ryan K. Black, a Registered
Professional Reporter, Certified Livenote
Reporter and Notary Public and for the
District of Columbia.

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23 Emmanuel Pezoa - Legal Videographer

24 Yajing Jiang, Ph.D - Charles River Associates

25 Kevin Caves, Ph.D - Econ One

I N D E X

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1 THE VIDEOGRAPHER: Good morning. We are
2 on the record at 9:07 a.m. on May 12, 2022. This
3 is the video-recorded deposition of Hal Singer
4 taken in the matter of In re: Google Play Store
5 Antitrust Litigation, filed in the United States
6 District Court, Northern District of California,
7 San Francisco Division, Case No.
8 3:21-MD-02981-JD.

9 My name is Emmanuel Pezoa, from the firm
10 Veritext Legal Solutions. The court reporter is
11 Ryan Black, from the firm Veritext Legal
12 Solutions.

13 Will the court re -- court reporter
14 please swear in the witness?

15 * * *

16 Whereupon --

17 HAL JASON SINGER, PH.D.,
18 called to testify, having been first duly sworn
19 or affirmed, was examined and testified as
20 follows:

21 * * *

22 THE REPORTER: And, Counsel, if you want
23 to state your appearances for the record, that
24 would be great.

25 MR. RAPHAEL: Sure.

1 Justin Raphael, Munger Tolles & Olson,
2 for the defendants.

3 MS. GIULIANELLI: Karma Giulianelli,
4 from Bartlit Beck, for the consumer class.

5 MS. JIANG: Yajing Jiang from Charles
6 River Associates.

7 MR. RAPHAEL: Is there anyone on the
8 line who wants to introduce themselves?

9 MS. ERNST: This is Amy Ernst. I'm here
10 with Hausfeld for the plaintiff developers.

11 THE VIDEOGRAPHER: Thank you. You may
12 proceed.

13 MR. ZEPP: Eric Zepp here, from Cravath
14 Swaine & Moore, on behalf of Epic Games.

15 MR. CAVES: I'm Kevin Caves, with Econ
16 One on behalf of the Commercial developers.

17 EXAMINATION

18 BY MR. RAPHAEL:

19 Q. All right. Dr. Singer, will you just
20 state your name for the record?

21 A. Hal Jason Singer.

22 Q. And, Dr. Singer, you've been deposed
23 many times; is that right?

24 A. Yes.

25 Q. How many times would you say you've been

1 BY MR. RAPHAEL:

2 Q. And developers are the sellers of the
3 apps and the subscriptions and the in-app
4 purchases.

5 MS. GIULIANELLI: Objection.

6 THE WITNESS: I think it's fair to say
7 the developers are the sellers of those -- those
8 three items, yes.

9 BY MR. RAPHAEL:

10 Q. And users are the buyers of those three
11 items?

12 A. Correct.

13 Q. And developers and users are buying a
14 matching service from Google when they're using
15 Google Play.

16 MS. GIULIANELLI: Objection.

17 THE WITNESS: Certainly in the -- what I
18 would call "the Android app distribution market"
19 that -- that Google is contributing valuable
20 matchmaking services in that -- in that initial
21 market -- mark -- in -- in a service for which
22 Google should be compensated.

23 BY MR. RAPHAEL:

24 Q. Now -- and Google's prices for the Play
25 Store, whether they're positive or negative,